



## **ENTERPRISE GIS ADMINISTRATOR**

### **Purpose:**

To actively support and uphold the City's stated mission and values. To perform a variety of duties supporting the City's Enterprise Geographic Information System (EGIS) and application development; provide management of the spatial database and programming related activities related to the City enterprise GIS; and assist departments in gathering, analyzing, and displaying geospatial data for decision support and planning.

### **Supervision Received and Exercised:**

Receives general supervision from the Enterprise GIS Manager or other senior management.

Provides technical direction to staff and other professionals.

### **Essential Functions:**

Duties may include, but are not limited to, the following:

- Develop, implement, and maintain GIS applications to support City workflows and as solutions to identified problems, including programming and customizations.
- Oversee the activities of GIS analysts, technicians, and interns including the prioritization of work assignments.
- Identify, analyze, and define changes that will maximize efficiencies for better services for users relating to GIS applications, systems and sub-systems; develop and implement plans to achieve these changes.
- Assess and understand user needs related to enterprise and departmental GIS; provide support to others in the City in the development and application of GIS technologies.
- Participate in all phases of the system development lifecycle including requirements analysis, design, development, testing, and deployment.

## CITY OF TEMPE

### Enterprise GIS Administrator (continued)

- Serve as the project lead for large-scale, enterprise GIS projects, coordinate GIS services and activities across City departments and outside jurisdictions.
- Develop and document standards for geographic data and application framework including metadata standards.
- Manage and maintain the enterprise spatial database including permissions, adherence to the City GIS data standards and workflows.
- Manage and maintain GIS hardware and software, including developing and/or modifying integration with existing software systems or identifying potential conflicts and possible solutions.
- Design, develop, and support web-based GIS applications.
- Oversee RFPs and contracts related to GIS software and hardware purchases.
- Write technical reports detailing activities of GIS services or the results of spatial analysis and maintain documentation of projects and workflows.
- Consult with the Enterprise GIS Manager in decision-making processes.
- Work with the Enterprise GIS Manager to support the vision and goals of the City Enterprise GIS and GIS services.

### **Minimum Qualifications:**

#### **Experience:**

Three years of experience in the uses and operations of geographic information systems, including at least two years of experience performing complex GIS application development and database projects and complex analytical assignments to meet broad scale business, information, and decision-support requirements.

#### **Education:**

Equivalent to a Bachelor's Degree in Geographic Information Systems, Geographic Information Science (GISc), Geography, Computer Science (with significant coursework in GISc, development of spatial applications, spatial analysis, and spatial database management), or degree related to the core functions of this position.

#### **Licenses/Certifications:**

None

**Examples of Physical and/or Mental Activities:**

- Work in a stationary position for long periods of time
- Operates computers, calculators and other office machines
- Extensive reading and close vision work
- May require working extended hours
- May work alone for extended periods of time

**Competencies:**

(Pending)

**Job Code: 521**

**Status: FLSA-Exempt / Classified**